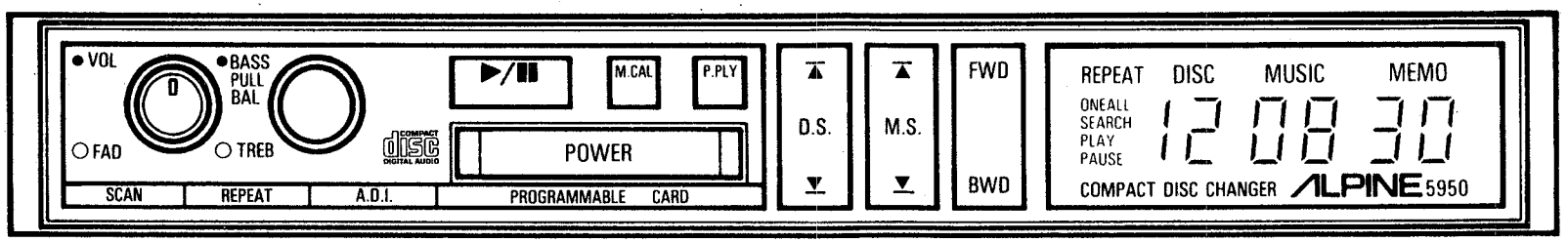
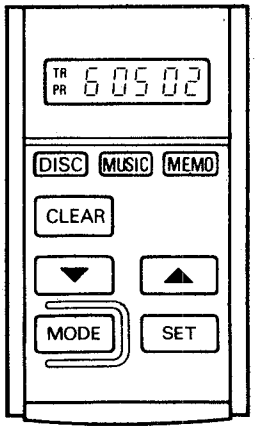
OWNER'S MANUAL





COMPACT DISC REMOTE CHANGER

COMPACT disc DIGITAL AUDIO

5950

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IMPORTANT NOTICE

This compact disc player has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules. This equipment generates and uses radio frequency energy, and it must be installed and used properly in accordance with the manufacturer's instructions.

WICHTIGER HINWEIS

Dieser CD-Spieler ist typenteilgeprüft und wurde als übereinstimmend mit den Beschränkungen für Recheneinrichtungen der Klasse B entsprechend den Spezifikationen in Unterabschnitt J des Abschnitts 15 der FCC-Vorschriften befunden. Das Gerät generiert und arbeitet mit Hochfrequenzenergie, und muß in Übereinstimmung mit den Anweisungen des Herstellers installiert und betrieben werden.

PRECAUTIONS

- When replacing a fuse(s), use a fuse of the same amperage rating 3A, as shown on the fuse holder. If the fuse continues to blow, carefully check all electrical connections for short circuits. It is also a good idea to check the car's voltage regulator. Do not attempt to repair or service the unit yourself; return the unit to your nearest authorized Alpine Service Station for servicing.

- When your car is parked for a long period of time during the summer or winter, the temperature inside the car fluctuates greatly. Be sure to allow the temperature inside the car to reach an appropriate level before attempting to use the unit. When the temperature is over 140°F (+ 60°C) the protection circuit functions to stop the CD player, and "EE-EEE" is displayed.

VORSICHTSMASSREGELN

- Beim Auswechseln von Sicherungen Ersatzsicherungen mit derselben Amperezahl (3A) verwenden. Falls die Sicherung wiederholt durchbrennt, alle elektrischen Anschlüsse sorgfältig auf Kurzschluß prüfen. Der Grund könnte möglicherweise im Spannungsregler des Fahrzeugs zu suchen sein. Keinesfalls versuchen, das Geräts eigenmächtig zu reparieren oder zu warten; überlassen Sie derartige Eingriffe einem autorisierten Alpine-Service.

- Wenn das Fahrzeug längere Zeit in sommerlicher Hitze bzw. winterlicher Kälte abgestellt wird, kommt es zu einer drastischen Temperaturveränderung im Fahrzeuginnern. Vor Inbetriebnahme des Geräts sollte man die Temperatur im Fahrzeuginnern zunächst auf einen normalen Wert bringen. Bei Temperaturen über +60°C stoppt die Schutzschaltung den Betrieb des Geräts, und "EEEEE" wird angezeigt.

AVIS IMPORTANT

Ce lecteur de compacts discs a éte soumis à des essais de type et il a été déterminé qu'il est conforme aux tolérances des dispositifs classe B conformément aux caractéristiques techniques de la sous-section J de la section 15 des règles de la Commission fédérale des communications. Cet équipement génère et utilise une énergie de fréquence radio et il doit être installé et utilisé correctement et conformément aux instructions données par le fabricant.

PRECAUTIONS

- Lors du replacement d'un fusible, utilisez un fusible de même ampérage (3A) que celui indiqué sur le portefusible. Si le fusible saute une nouvelle fois, vérifiez soigneusement toutes les connexions pour détecter un éventuel court-circuit. Nous vous conseillons aussi de vérifier le régulateur de tension du véhicule. Ne tentez pas de réparer ou d'effectuer vous-même une intervention sur l'appareil: apportez l'appareil chez le revendeur Alpine le plus proche afin de le faire réparer.

- Lorsque vous devez laisser votre véhicule en stationnement pendant une longue période, en été ou en hiver, la température à l'intérieur du véhicule risque de varier énormément. Assurez-vous que la température intérieure du véhicule est retournée à un niveau normal avant d'utiliser cet appareil. Si la température dépasse +60°C (140°F), le circuit de protection entre en service, arrête le lecteur CD et "EEEEE" est affiché.

AVVERTENZA IMPORTANTE

Questo riproduttore di Compact Disc è stato sottoposto a prove di classificazione ed è stato di conseguenza giudicato corrispondere alle norme per i congegni di calcolo di classe B, in concordanza con le specificazioni di cui al Fascicolo J della parte 15 delle regole FCC. Quest'unità genera ed impiega energia di frequenza radio e deve venire installata ed impiegata secondo le modalità specificate dal costruttore nel libretto d'istruzioni.

PRECAUZIONI

- Quando sostituite uno dei fusibili, usate un fusibile dello stesso amperaggio (3A). Se il fusibile dovesse saltare di nuovo, controllate di nuovo tutti i circuiti per localizzare eventuali corto circuiti. Sarebbe bene anche controllare il regolatore del voltaggio della vostra vettura. Non tentate di eseguire le riparazioni da voi. Portate invece l'unità al più vicino centro assistenza Alpine.

- La temperatura all'interno dell'abitacolo subisce violente variazioni stagionali se la vettura viene parcheggiata sotto il sole, l'estate, o lasciata all'aperto, l'inverno. Prima di usare l'unità, controllate che la temperatura sia tornata su valori accettabili. Se la temperatura sale oltre i 60°C, un circuito di protezione interrompe ogni funzione ed il display visualizza l'indicazione "EEEEE".

AVISO IMPORTANTE

Mediante pruebas efectuadas sobre este reproductor de discos compactos, se ha determinado que la unidad se ajuste a los límites fijados para dispositivos de computación clase B por las especificaciones de las reglas FCC, parte 15, subparte J. Este equipo genera y usa energía de radiofrecuencia, y debe ser instalado y usado correctamente de acuerdo a las instrucciones del fabricante.

PRECAUCIONES

- Cuando reemplace el fusible, emplee otro del mismo amperaje nominal (3A) que el indicado en el portafusibles. Si el fusible siguiera quemándose, verifique cuidadosamente todas las conexiones eléctricas para detectar posibles cortocircuitos. Es también una buena idea inspeccionar el regulador de voltaje del automóvil. No intente reparar la unidad usted mismo; llévela al centro de servicio Alpine más cercano para su reparación.

- Cuando el automóvil se deja estacionado por largos períodos de tiempo durante el verano o el invierno, la temperatura interior del mismo puede llegar a extremos. Asegúrese de llevar la temperatura interior del automóvil a un nivel adecuado antes de emplear la unidad. Si la temperatura es mayor que 60°C, el circuito protector desactivará todas las funciones, y aparecerá la indicación "EEEEE".

PROPER CARE OF YOUR DISC

- **Proper Handling**
  Handle your disc as shown. Hold the disc so you will not leave fingerprints on the surface. If the surface is scratched, it may cause the pickup to skip signal tracks. Do not affix tape, paper, or gummed labels on the disc. Do not write on the disc.

- **Keep Your Discs Clean**
  Fingerprints, dust, or soil on the surface could cause the pickup to skip signal tracks. Wipe the surface clean with a clean soft cloth. If the surface is heavily soiled, dampen a clean soft cloth in a solution of mild neutral detergent to wipe it clean. See drawing.

- **Damaged Disc**
  Do not attempt to play damaged, warped or cracked discs. It could severely damage the playback mechanism.

- **Storage**
  When not in use, place your disc in its individual case and store it in a cool place away from the sun, heat, and dust.

KORREKTE BEHANDLUNG IHRER CD-PLATTEN

- **Handhabung**
  Die CD-Platten wie unten abgebildet handhaben, so daß keine Fingerabdrücke auf deren Oberflächen zurückgelassen werden. Starke Kratzer können Springen des Abtasters und Tonaussetzer verursachen. Die CDs nicht mit Klebeband, Papier oder selbstklebenden Etiketten versehen und nicht beschriften.

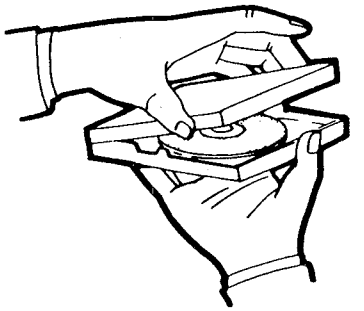
- **Die CD-Platten sauber halten**
  Fingerabdrücke, Staub und andere Schmutzteile auf der CD-Oberfläche können zur Folge haben, daß der Abtaste-springt und Tonaussetzer verursacht. Stark verschmutzte CDs können mit einem sauberen, weichen, leicht mit einer milden, neutralen Reinigungslösung angefeuchteten Lappen saubergewischt werden. Siehe Abbildung.

- **Beschädigte CD-Platten**
  Keine beschädigten, verzogenen oder rissigen CDs abspielen, da das Laufwerk des Spielers hierdurch beschädigt werden kann.

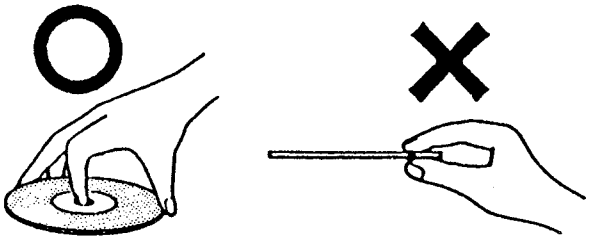
- **Aufbewahrung**
  Nicht gebrauchte CD-Platten sollten stets in der zugehörigen Box an einem kühlen Ort aufbewahrt werden, wo sie vor direktem Sonnenlicht, Wärme und Staub geschützt sind.

PRENEZ SOIN DE VOS COMPACT DISCS

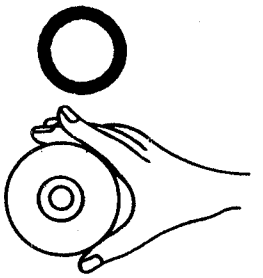
- **Manipulation correcte**
  Manipulez vos compacts discs comme indiqué ci-dessous. Tenez le compact disc de manière à ne pas laisser de traces de doigts sur sa surface. Si la surface est rayée, le capteur risque de sauter des portions contenant des signaux. Ne collez pas de ruban adhésif, de papier, d'étiquettes gommées sur le compact disc. N'écrivez pas sur le compact disc.



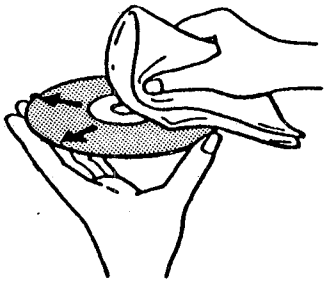
- **Gardez vos compacts discs propres**
  Le capteur risque de sauter des portions contenant des signaux si des traces de doigts, de la poussière ou des souillures sont présentes sur la surface du compact disc. Essuyez la surface du disc avec un chiffon doux et propre. Si la surface est très sale, humectez un chiffon doux et propre d'une solution aqueuse de détergent neutre pour la nettoyer. Reportez-vous à l'illustration.



- **Compact discs endommagés**
  N'essayez pas de lire des compacts discs endommagés, voilés ou fendus. Ceci risquerait d'endommager sérieusement le mécanisme de lecture.



- **Rangement**
  Lorsque vous avez fini d'utiliser un compact disc, remettez-le dans son étui individuel et rangez-le dans un endroit frais, à l'abri du soleil, de la chaleur et de la poussière.



COME USARE IL COMPACT DISC

- **Come prenderlo en mano**
  Il disco va preso in mano nel modo indicato in figura. Evitate di lasciare impronte sul lato inciso. Se la superficie viene graffiata, il pick up ottico potrebbe "saltare". Non applicate nastro adesivo, carta o etichette al disco. Non scrivete sulla sua superficie.

- **Mantenete puliti i vostri dischi**
  Impronte, sporco e polvere disturbano il processo di lettura da parte del pick up ottico. Pulite periodicamente la superficie incisa con un panno soffice e pulito. Se il disco fosse molto sporco, inumidite il panno leggermente con una soluzione detergente debole. Osservate le illustrazioni.

- **Dischi danneggiati**
  Non utilizzate dischi danneggiati, ondulati o inclinati. Essi causerebbero danni seri ai meccanismi di lettura.

- **Conservazione dei dischi**
  Quando non sono in uso, riponete i dischi nelle loro custodie, conservandoli poi in luoghi aerati lontani dalla luce solare, da calore e polvere.

CUIDADO DE LOS DISCOS

- **Manipulación**
  Manipule el disco del modo ilustrado. Sosténgalo de manera de no dejar huellas dactilares en la superficie. El rayado de la superficie puede provocar que el fonocaptor pierda pistas de señal. No fije cinta adhesiva, papel ni etiquetas authoadhesivas al disco. No escriba sobre el disco.

- **Mantenga los discos limpios**
  Huellas dactilares, polvo y suciedad sobre la superficie del disco pueden provocar que el fonocaptor pierda pistas de señal. Limpie la superficie con un paño suave y limpio. Si estuviera muy sucia, humedezca el paño en una solución de detergente neutro suave antes de la limpieza. Vea la ilustración.

- **Discos dañados**
  No reproduzca discos dañados, combados o rotos. Hacerlo podría causar serios daños al mecanismo de reproducción.

- **Almacenamiento**
  Cuando no estén en empleo, ponga los discos en sus cajas individuales y guárdelos en un lugar fresco, alejado del sol, el calor y el polvo.

CONTROLS AND INDICATORS/BEDIENUNGSELEMENTE UND ANZEIGEN/ COMMANDES ET INDICATEURS/COMANDI ED INDICATORI/CONTROLES E INDICADORES

● Control Unit/● Steuereinheit/● Unité de commande/● Unité di controllo/● Unidad de control

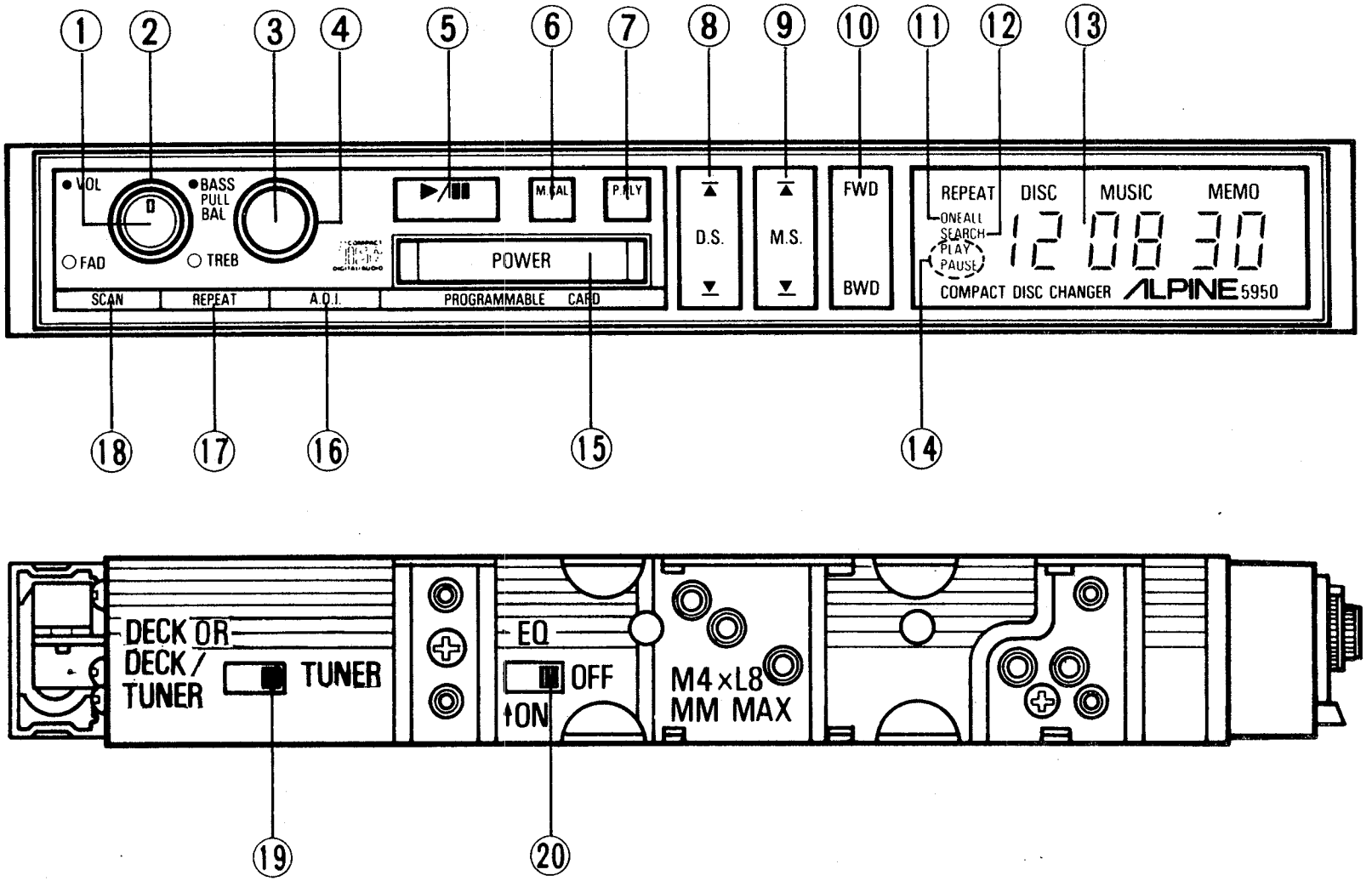


Fig. 1/Abb. 1

● Programmable Card/● Programmierkarte/● Carte programmable/● Scheda programmabile/● Tarjeta programable

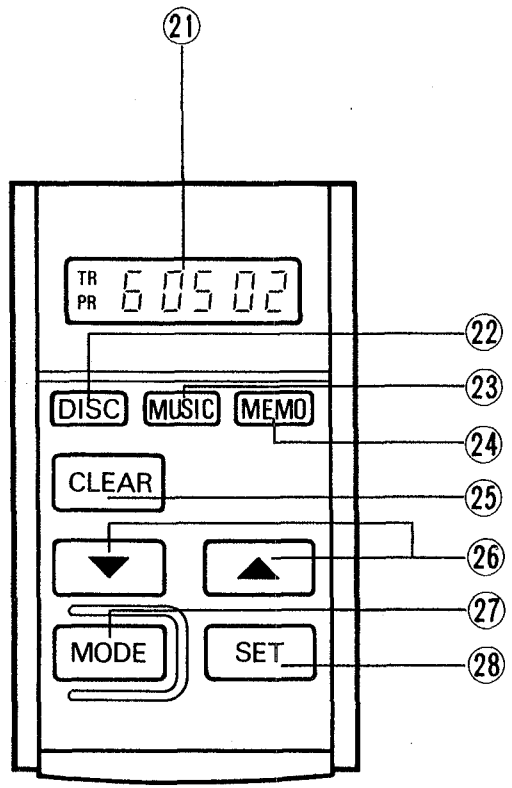


Fig. 2/Abb. 2

● Trunk Unit/● Kofferraumeinheit/● Unité montée dans le coffre/● Unità principale/● Unidad de portaequipajes

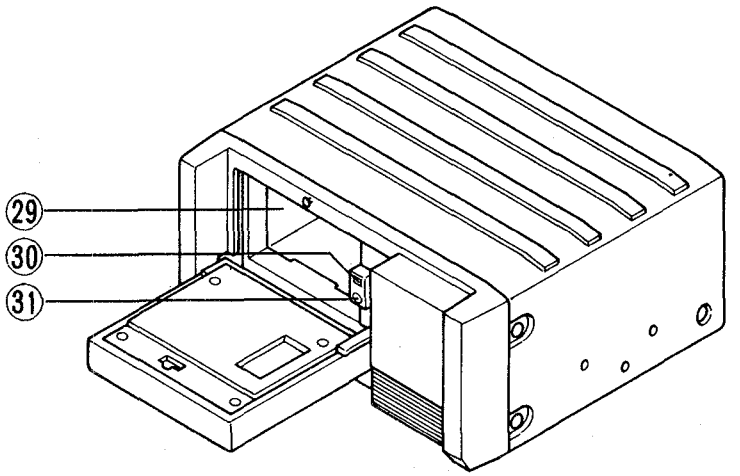


Fig. 3/Abb. 3

● CD Magazine/● CD-Magazin/● Chargeur CD/
● Magazzino dei compact disc/● Depósito de discos compactos

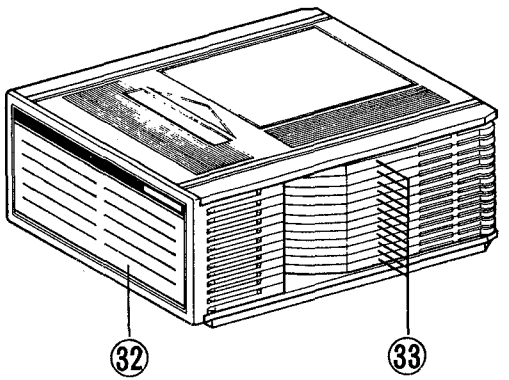


Fig. 4/Abb. 4

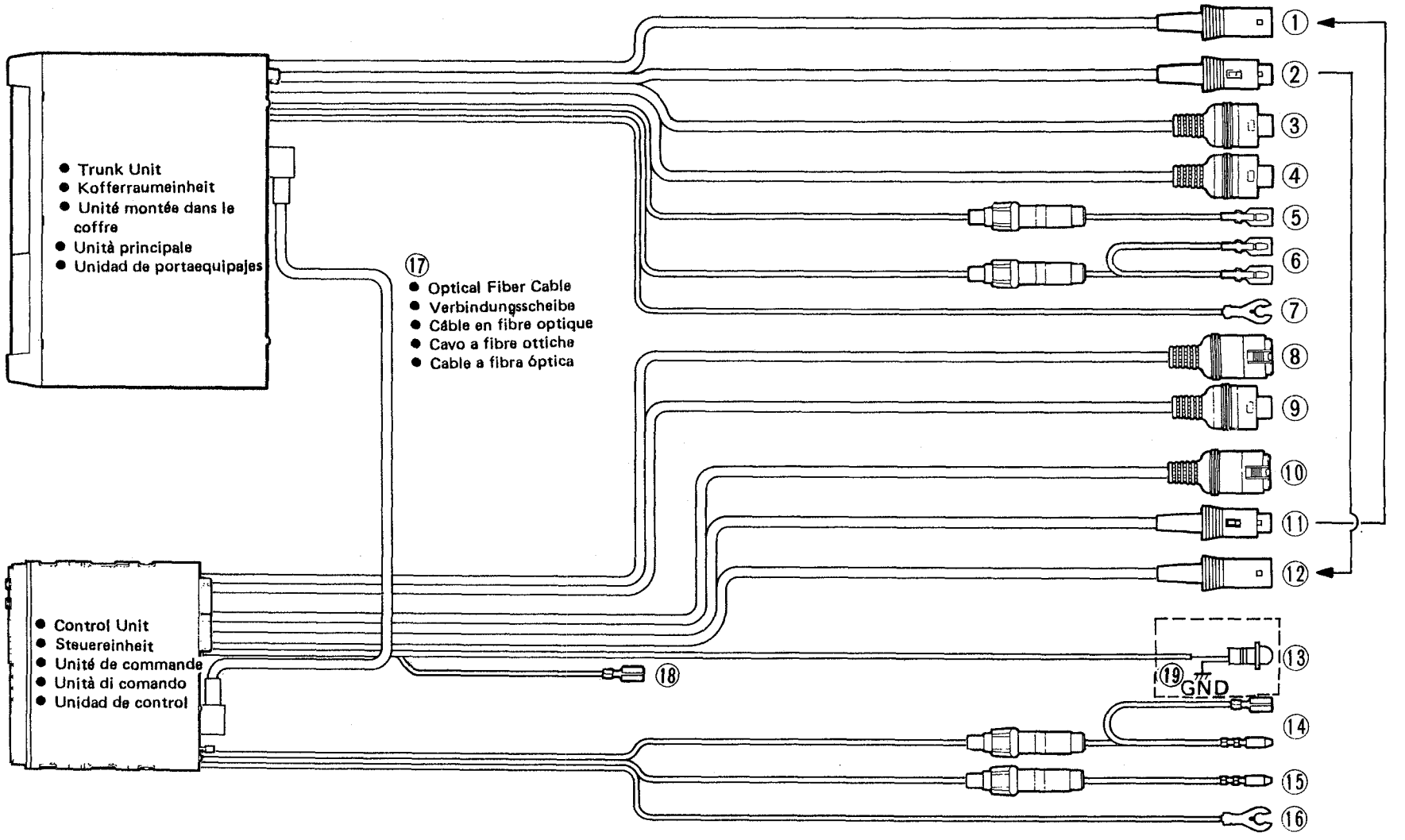

● Trunk Unit
● Kofferraumeinheit
● Unité montée dans le coffre
● Unità principale
● Unidad de portaequipajes
⑰
● Optical Fiber Cable
● Verbindungsscheibe
● Câble en fibre optique
● Cavo a fibre ottiche
● Cable a fibra óptica
● Control Unit
● Steuereinheit
● Unité de commande
● Unità di comando
● Unidad de control
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Fig. 5/Abb. 5

English

FEATURES

The Alpine 5950 is a high performance CD remote changer for use in cars. It uses the latest technology including data transfer by optical fiber cable, and is equipped with a variety of functions and features, as described below:

- **CD Changer System**
  The system consists of two units, a trunk unit and a control unit.
- **Programmable Card**
  * Includes an anti-theft code number.
  * Any selections can be programmed anywhere, and the program data is sent optically to the control unit.
- **Magazine Housing 12 CDs**
  12 compact discs can be housed in the CD magazine. These CDs can be selected by operating the control unit. Also, a power loading system is used to automatically draw the CD magazine into the trunk unit simply by pressing it lightly.
- **Digital Control**
  An optical fiber cable is used for transfer of data, and processing is done with digital signals.
- **Auto Disc Initializer**
  The disc can be started from the first selection at the simple touch of a button.
- **Repeat**
  Either a single selection or all selections can be played back repeatedly.
- **Disc Sensor**
  The desired disc can be selected.
- **Music Sensor**
  It is possible to move to the beginning of the following selection or back to the beginning of the current selection at the touch of a button.
- **Digital Display**
  The disc number and selection number are displayed.
- **Preset Play (P.PLY)**
  The selections programmed on the programmable card can be played back in order.
- **Fast Forward and Backward**
  The fast forward and backward operations are quick and the sound can be monitored, so it is easy to search for selections.
- **Pause Switch**
  Stops playback temporarily.
- **Disc Scan**
  The introduction of each selection (approximately 10 seconds) is played back in order.

Control Unit (Fig. 1)

① **VOLUME Control**
Turn the control clockwise to increase, or counterclockwise to decrease, the sound volume.

② **FADER Control**
Turn the control clockwise or counterclockwise to balance the sound volume between the front and rear speakers.

③ **Bass Control (BASS)/Balance Adjustment Control (BAL)**
The bass can be adjusted to your own preference. Pull the control out to adjust the balance between the left and right speakers.

④ **Treble Control (TREB)**
The treble can be adjusted to your own preference.

⑤ **PLAY/PAUSE Button (▶ / ■)**
The button allows you to switch between play and pause mode.

⑥ **Memory Call Switch (M.CAL)**
Press this switch to check the order in which selections have been programmed with the programmable card. When a specific MEMO number is selected with the memory call switch during preset play, playback of the preset selections will begin from that number.

⑦ **Preset Play (P.S.P.)**
Push to select the preset play mode which allows playback of memorized programs from the first program memory or the normal play back mode.

⑧ **Disc Sensor Switch (D.S.)**
The disc sensor switch can be pressed during playback or pause to select the desired DISC number.

⑨ **Music Sensor Switch (M.S.)**
The music sensor switch can be pressed during playback or pause to move to the beginning of the desired selection.

⑩ **Fast Forward (FWD)/Backward (BWD) Switch**
FWD ..... The pick-up is moved forward while this switch is pressed.
BWD ..... The pick-up is moved backward while this switch is pressed.

⑪ **ONE/ALL Indicator**
ONE ..... repeat of 1 selection
ALL ..... repeat of all selections on disc

⑫ **Search indicator**
Flashes when a DISC number is selected, and lights while searching..

⑬ **DISC/MUSIC/MEMO Number Display**

⑭ **PLAY/PAUSE Indicator**

⑮ **Programmable Card Insertion Slot**

⑯ **Auto Disc Initializer Switch (A.D.I.)**
If this switch is pressed during playback (or pause), the pick-up will return to the first selection on the disc and playback will begin (or the unit will be set to the pause mode).

⑰ **REPEAT Button**
1st push selects one track repeat play, 2nd push all tracks on the disc repeat play, 3rd push deactivates this function.

⑱ **Search switch (SCAN)**
When this switch is pressed, the first 10 seconds of each selection will be played back in order.
After all 12 discs are scanned, scanning will stop at the selection from which scanning began.

⑲ **DECK OR DECK/TUNER Selection Switch**

(1) If neither on external DECK/TUNER nor an external TUNER is connected to the 5950's LINE-IN (AUX-IN)DIN Connector, this switch is irrelevant to the system.

(2) When a tuner is connected to the 5950's LINE-IN (AUX-IN) DIN Connector, set this switch to the TUNER mode. (Use the 5950's volume control to adjust the volume of the tuner.)

(3) When a DECK/TUNER like 7374 is connected to the 5950's LINE-IN (AUX-IN) DIN Connector, set this switch to the DECK/TUNER mode. (Use the DECK/TUNER volume control to adjust.)

⑳ **EQ Selection Switch**

(1) Set this switch to the ON side when an equalizer is connected.

(2) Set this switch to the OFF side when no equalizer is connected.

Programmable Card (Fig. 2)

㉑ **Disc Number/Music Number/Memory Number Display**

㉒ **Disc Number Writing Mode Selection Switch (DISC)**
Press this switch to program a disc number

㉓ **Music Number Writing Mode Selection Switch (MUSIC)**
Press this switch to program a selection number.

㉔ **Memory Number Writing Mode Selection Switch (MEMO)**
Press this switch to check the preset contents and to recall a specific memory address.

㉕ **Clear Switch (CLEAR)**
Press this switch to clear the data for a DISC number or MUSIC number.

㉖ **Count Down (▼) and Up (▲) Switches**
Press these switches to select a DISC number, MUSIC number, or MEMO number.

㉗ **Mode Switch (MODE)**
This switch is used to select the operation mode for the programmable card. Press it to switch between the program and transfer modes.

㉘ **Set Switch (SET)**
Press this switch to store the DISC number or MUSIC (selection) number in the memory.

Trunk Unit (Fig. 3)

㉙ CD magazine insertion slot

㉚ Eject switch

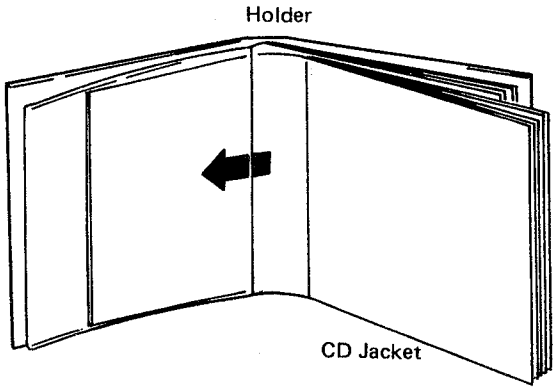
Press this switch to eject the CD magazine.
Press the CD magazine lightly to insert it.

㉛ Reset switch

Normally do not use this switch. Press it when the built-in microprocessor malfunctions due to external noise etc., or if the switches and controls do not function.

HOW TO USE THE CD JACKET HOLDER

Insert a CD jacket cover into a pocket of the holder as illustrated below.
Up to 12 jackets can be inserted.
Make sure that the jackets are inserted in the same order as the discs in the disc magazine.



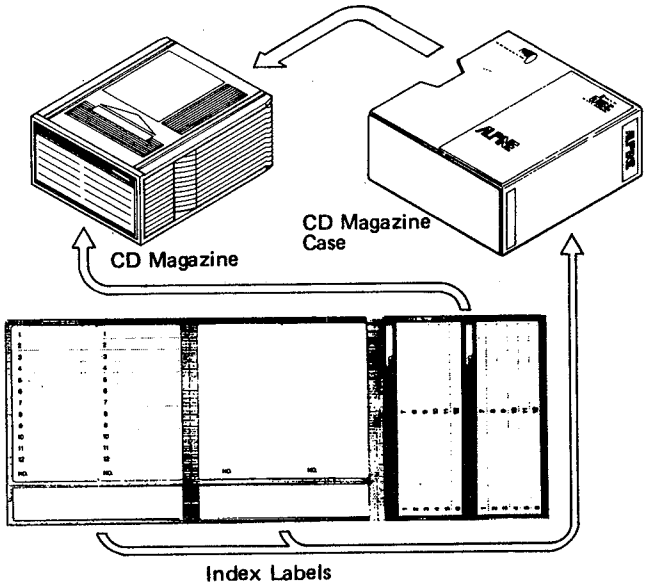
CD Magazine (Fig. 4)

㉜ Disc index labels

Put the Index Labels on the CD Magazine and CD Magazine Case as illustrated.

㉝ Disc Housing Case

12 discs can be housed in this case.



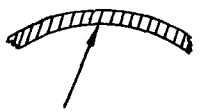
NOTE: As the 5950 is equipped with an anti-theft system, it will not operate simply by turning the power on. A code number must be input before the unit will operate. Be sure to read the section on Page 25 entitled "Procedures for Starting" before mounting the unit.

● Optical Fiber Cable

An optical fiber cable is used to transfer digital signals for command data (operation command data) and status data (data indicating the operation status) between the control unit and trunck unit. Be sure to strictly observe the following:

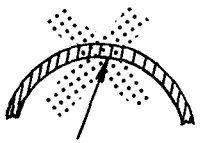
* Leave the protection caps attached when wiring.
* Wire in such a way that the cable will not get caught in the door or seats.
* Wire in such a way that the cable does not bend excessively, that bending portions do not get to R25 or below, and that the cable does not get twisted.
* Do not subject the cable to shocks or step on it.

GOOD



Over 25 radius

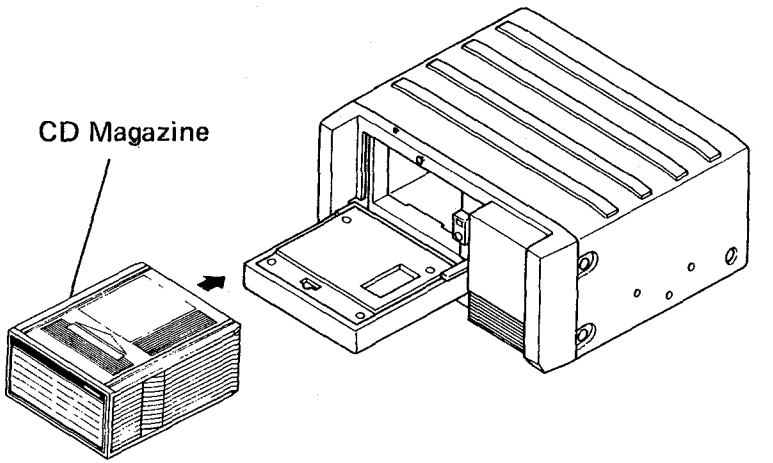
NO GOOD



25 radius or under

● CD Magazine

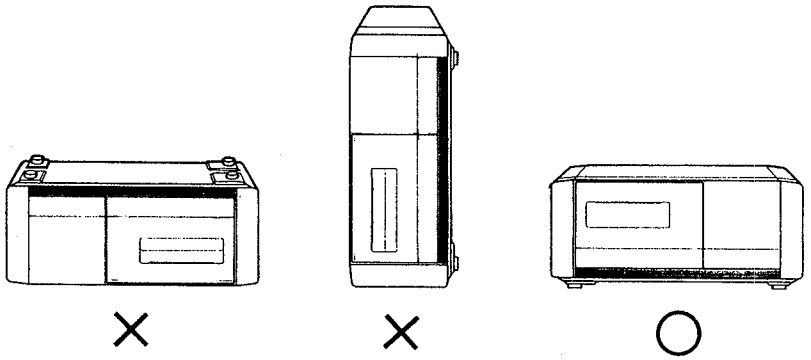
1. Insert the CD magazine properly into the trunk unit as shown. (Below)
2. Do not insert heat-deformed discs into the CD magazine.
3. Do not forcibly insert or remove the CD magazine by hand.



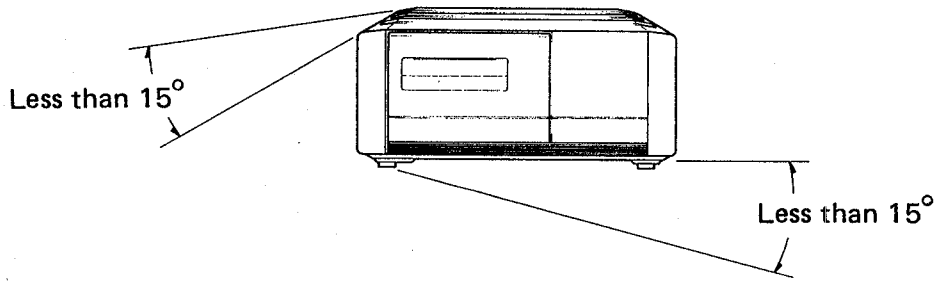
● **Installation of Trunk Unit**

With the 5950, CDs are automatically inserted and removed (from the CD magazine to the CD mechanism), so be careful of the following:

● Do not mount the unit vertically or upside down.



● Do not mount the unit at an angle of more than 15 degrees.



● **Shipping Screws**

Three screws have been attached to the bottom of the trunk unit for protection during shipment. Remove these screws before using.

Cautions during playback

● Playing a disc while driving on a very bumpy road may result in skips but this will not scratch the disc or damage the player.

● The noise level on compact discs is much lower than on analog-type records or tapes; therefore, when inserting a disc, keep the volume control turned full counter-clockwise, then adjust volume by gradually turning the control clockwise once playback begins.
Do not turn clockwise too abruptly as this could damage the speakers.

● **Replacement of programmable card battery**

If erroneous displays appear after the battery (CR1616) has been replaced, reinsert the battery.

CONNECTIONS (Fig. 5)

The 5950 CD remote changer is not equipped with a built-in power amplifier (pre-amplifier only). Consult with your store of purchase for connections of a power amplifier. Refer to Page 11 for connections of the control unit and trunk unit.

* Use the included extension cords as necessary for the lead wires for the ACC power supply and battery power supply.

■ **ACC Power Supply Cable . . . ⑥, ⑭**
Connect this cable to the accessory circuit on the car's fuse block or another circuit which supplies +12V when the ignition key is turned on (set to ACC).

■ **Battery Power Supply Cable . . . ⑤, ⑮**
Connect this cable to the positive (+) terminal of the car battery or another circuit that constantly supplies +12V.

* Note that if the battery power supply lead wires are not constantly connected the preset data will be erased.

■ **Ground Cable . . . ⑦, ⑯, ⑲**
Connect this cable securely to a suitable metal point on the car chassis.

● **Optical Fiber Cable . . . ⑰**
Connect the trunk unit and the control unit with the Optical Fiber Cable.

● **Front Output DIN Connector, Rear Output DIN Connector . . . ③ and ④**
Connect to the input DIN connectors for the front and rear speaker amplifiers. Always leave the short-circuit prevention caps of the DIN connectors not being used attached and tie them together so that they do not get in the way.

● **Audio DIN Connectors (Input and Output) . . . ①, ②, ⑧, ⑨, ⑪, and ⑫**

* Connect the trunk unit side audio input DIN connector ① to the control unit side audio output DIN connector ⑪. In the same way, connect the trunk unit side audio output DIN connector ② to the control unit side audio input DIN connector ⑫.
* When using an equalizer, connect its output DIN connector and input DIN connector to the control unit side audio input DIN connector ⑧ and audio output DIN connector ⑨ respectively.

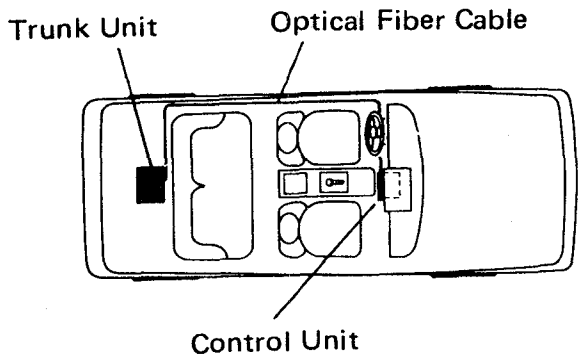
● **Line input DIN connector . . . ⑩**
Use the line input DIN connector ⑩ to connect a tuner (1341) or head unit (7374).

● **Remote LED connection lead wire . . . ⑬**
Use a connection fitting for the remote LED connection lead wire and connect the included remote LED. The LED lights to indicate that the CD changer is equipped with an anti-theft system when the ignition key is off.

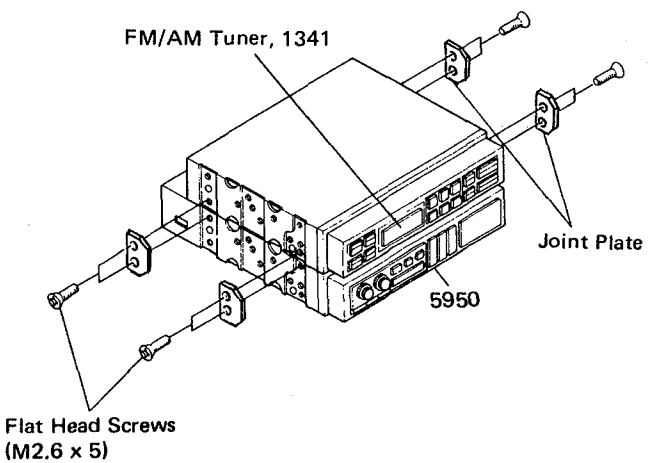
- **CD Play Remote Control Cable. . . .⑱**
  The Tuner and Tuner/Deck units, 1341M, 7385M, 7284M and 7283M, are equipped with a CD remote control terminal for Stop and Pause/Play operations of the 5950. After connecting the 5950 to one of these units with the cable, SDK operation is carried out as follows:
  1) If the SDK switch on one of the mentioned units is turned on and a traffic information broadcast is received while the 5950 is in the play mode, the Pause (Stop/Pause) mode will be engaged and the traffic broadcast is heard. Upon completion of the traffic broadcast, play restarts from the previous position. (1341M, 7385M, 7284M, 7283M)
  2) Under the same conditions, during cassette deck operation with the 5950 in pause mode, the cassette deck is set to the pause mode and the traffic broadcast is heard. Upon completion of traffic broadcast, tape playback continues from the previous position. (7385M, 7283M, 7284M)

INSTALLATION

Layout

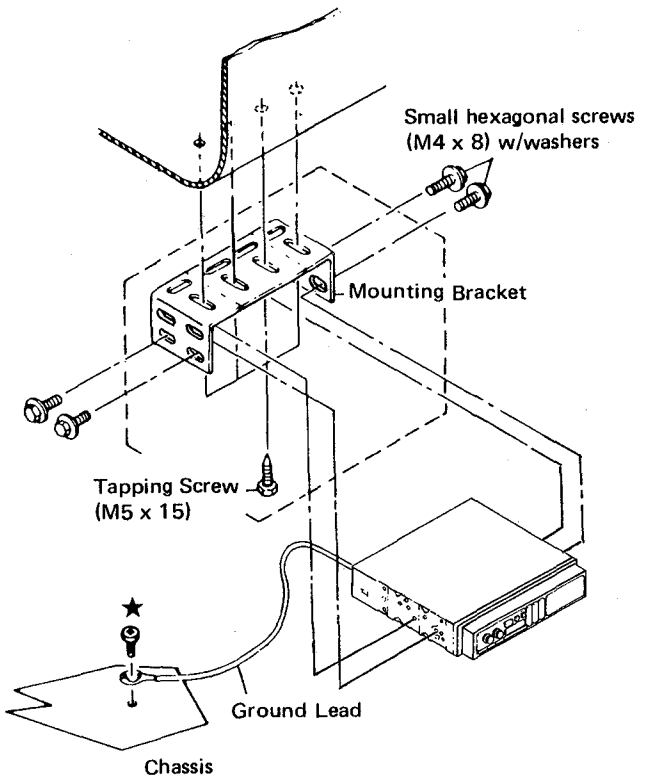


● Assembling 5950 with an FM/AM Tuner, 1341

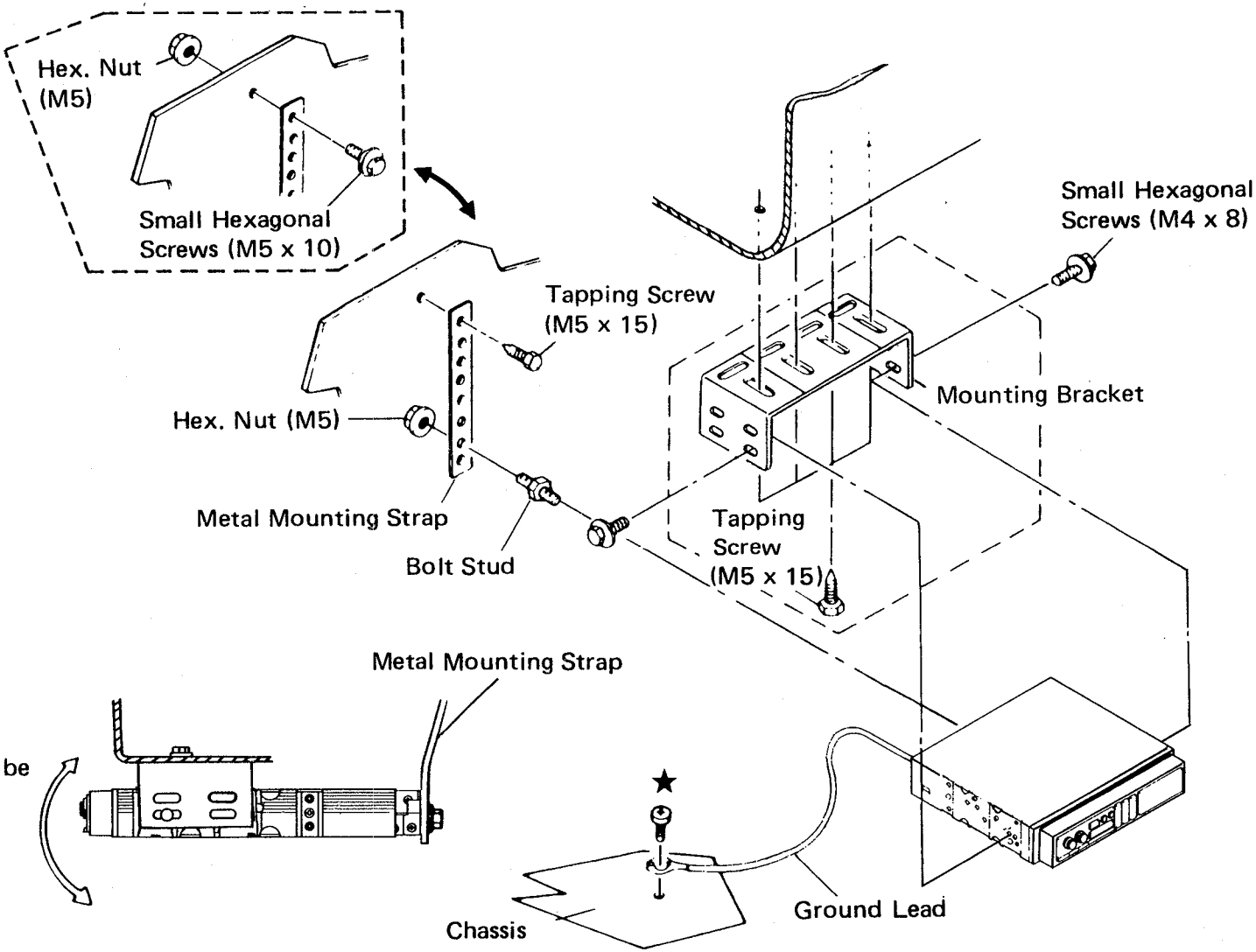


● Mounting Under the Dashboard

Installing with 2 screws on each side



● For screws marked ★, use screws found in metallic parts of the vehicle.
Secure the ground leads for other connected units (tape deck, amplifier, etc.) together with the ground lead of the 5950.



The angle of the set can be adjusted as shown.

Trunk Unit

Install the trunk unit in the trunk of the car or another suitable location where it does not interfere with your boarding or driving the vehicle.

* Additional parts such as a support board are required for installation in the trunk. Determine and have the necessary parts ready before you begin installation.

« Before Installation »

The selector buttons and level controls on the rear panel must be set properly as required by the system configuration, before the trunk unit is installed. Refer to the Connections and Operation sections before you proceed with installation.

[2-speaker system]

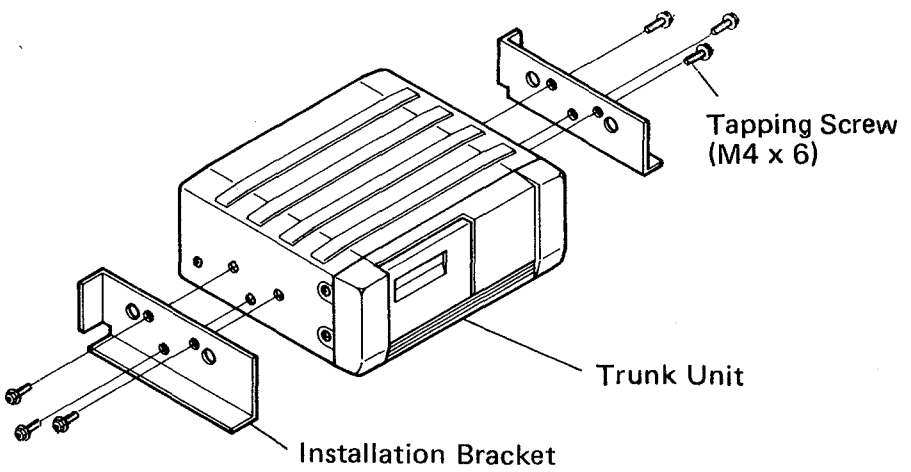
● No special settings required.

[4-speaker system]

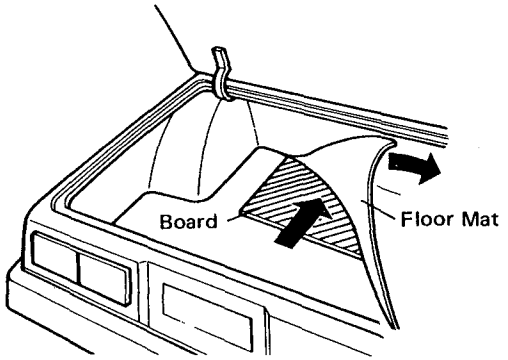
● Output level adjustment required.

« Installation »

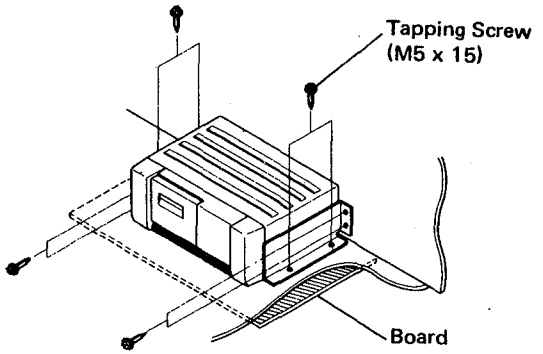
1. Determine the mounting location. (Choose a location which provides a firm support and where the CD magazine can be easily inserted and removed.)
2. Use the supplied small hex screws (M4 x 6) to fasten the installation brackets to the sides of the trunk unit.



3 Lift the mat covering the trunk floor and insert a supporting wooden board (strength about 10mm) between the trunk floor and the covering mat or carpeting.



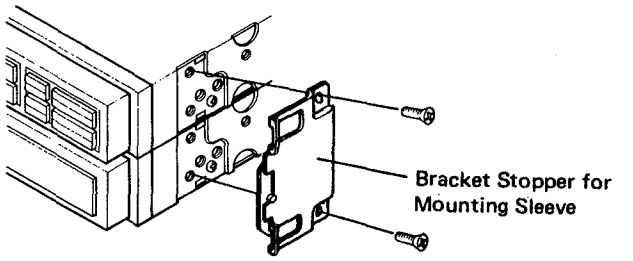
4. Use the supplied self-tapping screws (M5 x 15) to fasten the trunk unit to the supporting board.
5. Use the supplied self-tapping screws (M5 x 15) to fasten the trunk unit to the rear wall of the trunk or another suitable support.



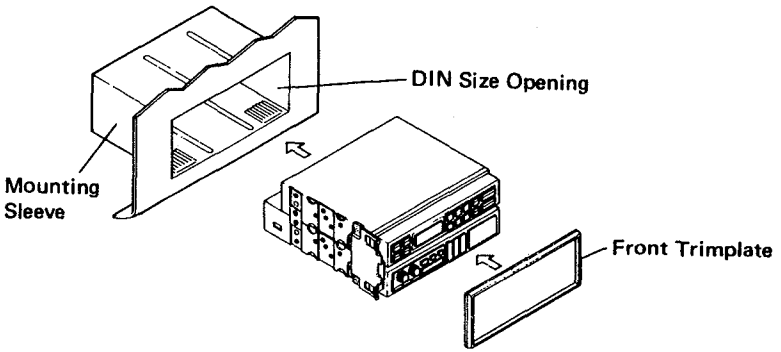
● Other methods of installation

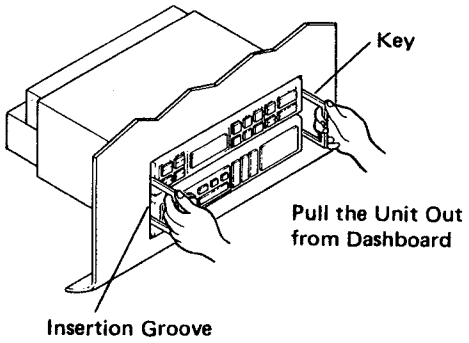
* Installation for DIN size opening

When installing with an FM/AM tuner (1341) or an equalizer (3317) etc., and placing one unit on top of the other, use the optional accessory (Model 4100) (including Bracket Stopper for Mounting Sleeve, Mounting Sleeve, Front Trimplate and two keys), available at your store of purchase.



* By using the brackets, the 5950 and a tuner etc. can be installed one on top of the other.

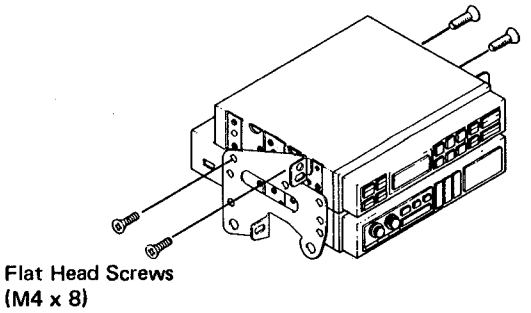




* Installation for Toyota Car

For installation of your Alpine unit in a Toyota that has a factory installed 180mm wide full front radio, utilize the bracket attached.

Remove the bracket from the factory installed radio, and install it on your Alpine units using the screws (M4 x 8) supplied.



Procedures for Starting

● System connections

(1) Refer to Pages 11, 18 and 19 to connect the control unit with the trunk unit and power amplifier.
(2) Connect the power (battery/ACC/ground).

● Inputting code number

(1) Transfer of code number to control unit

(1) Press the programmable card's [MODE] switch to activate the card.
(2) Next press the [MODE] switch and select the transfer mode (TR).
(3) Insert the programmable card into the card slot in the control unit. (Press in until the card locks.)
(4) The code number is transferred to the control unit when the 5950's power is turned on.
The control unit's display window will read "CodE".
(5) If "CodE" is not displayed, repeat steps (1) through (4) above to transfer the code number from the card.
("CodE" is displayed when the transfer of the code number is completed. Be sure to select the transfer mode (TR), or the code will not be transferred.)

(2) Inputting and checking the code number

(1) Use the control unit's music sensor switch (M.S.) and the forward/backward switch (FWD/BWD) to input the code number for the card. (The code number is indicated on the included anti-theft identification card (white).)
(2) Check that the code number for the card and the code number displayed are the same, then press the play switch (▶ / ▮▮).
(3) If the code number input from the control unit matches the number transferred from the programmable card, the 5950 can be operated.
(4) If the code numbers do not match, "CodE" will once again be displayed. Input the code again using the procedure in step (2) above.
(5) If this is repeated three times but the numbers do not match, nothing will appear on the display. If this should happen, disconnect the power (battery/ACC), wait at least two minutes, then reconnect the power and input the code number using the procedures in steps (1) and (2).
(6) Once the code numbers match, the unit can be operated simply by inserting the card. The card also works as the power switch, so there is no need to remove the card completely. The card can be removed with the power off.

NOTES: * Store the anti-theft identification card in a safe place.
* If the battery is disconnected for repairs or inspection on the vehicle, repeat the procedures in steps (1) and (2) to input the code number.

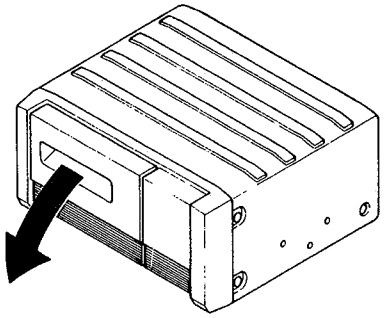
Operation of Trunk Unit and CD Magazine

When using for the first time or after replacing the battery, first press the reset switch using a pen or the like.

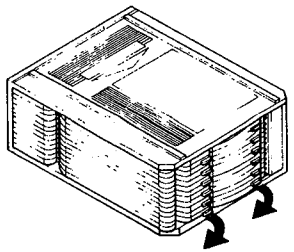
● **Playback**

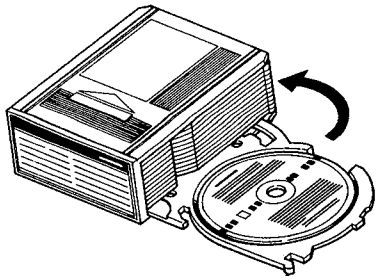
* Before using, follow the procedure below to set the CD magazine in the trunk unit.

(1) Open the door protector.



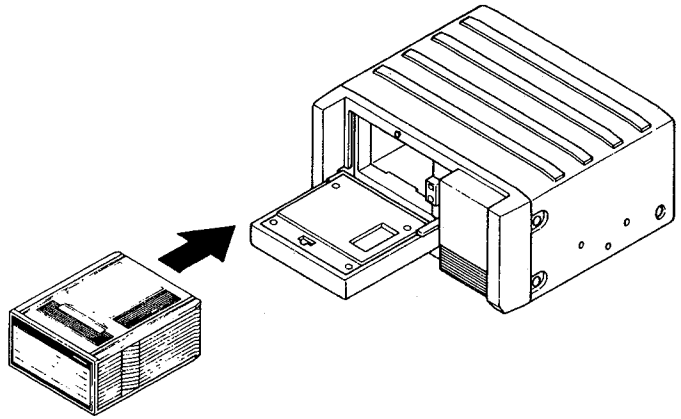
(2) Insert the discs into the CD magazine.





Label Side Up (↑)

(3) Insert the CD magazine into the trunk unit.



(4) After inserting the CD magazine, close the door protector.

NOTES: * Only one disc can be inserted in each housing case. Attempting to insert another disc may cause damage.

* Only compact discs containing the mark shown below can be used.

COMPACT
disc
DIGITAL AUDIO

* After inserting the CD magazine, the first disc is loaded and the unit is set to the pause mode.

(1) Press the play/pause switch to start playback from the first selection.

(2) The digital display will show the DISC number (in this case "1") and the MUSIC (selection) number.

(3) If the DISC number is flashing, the disc may be turned upside down. If this should happen, remove the disc and reinsert it properly.

* Adjust the volume, tone (bass and treble), and balance to your preference.

● **To interrupt playback**

To interrupt playback, press the play/pause switch. The unit will be set to the pause mode.

Operation of Control Unit

● **Music sensor (M.S.)**

The music sensor switch can be used to easily find the beginning of a selection during the playback or pause modes. The number of the selection selected with the music sensor function is displayed at the MUSIC position on the display.

To advance to following selections during playback:

Press the ▲ side of the music sensor switch.

* Playback is interrupted and the pickup advances to the following selection.
* The pickup advances the number of selections equivalent to the number of times the switch is pressed. If for example the switch is pressed once, it advances to the following selection, while if pressed twice, it advances to the selection after the following one.

To return to previous selections during playback:

Press the ▼ side of the music sensor switch.

* Playback is interrupted and the pickup returns to the beginning of the current selection.
* Each time the switch is pressed, the pickup returns one selection.

● **Disc sensor (D.S.)**

To advance to following discs during playback:

Press the ▲ side of the disc sensor switch, once to advance to the following disc, twice to advance to the one after.

To return to previous discs during playback:

Press the ▼ side of the disc sensor switch, once to return to the previous disc, twice to return to the disc before that, etc. During the search operation, the "SEARCH" indicator will flash.

● **Fast forward and backward (FWD, BWD)**

The disc is moved forward or backward during playback.

To move foward:

Press the "FWD" side of the FWD/BWD switch.

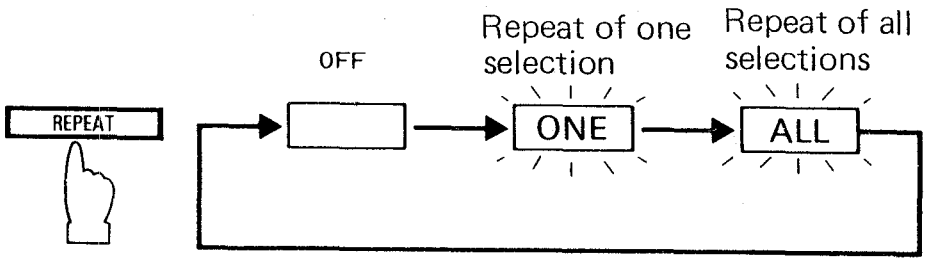
To move backward:

Press the "BWD" side of the FWD/BWD switch.

* During the forward or backward operations, the unit is set to the cue or review mode and the sound can be monitored.

● **Repeat**

The repeat function can be used to repeat either a specific selection or all selections.



To repeat a specific selection:

(1) Use the music sensor switch or the FWD/BWD switch to move to the selection to be repeated.

(2) Press the repeat switch.

* The repeat [ONE] indicator will light to indicate the repeat operation.

* When the end of the specified selection is reached, the pickup automatically returns to the beginning of that selection and playback begins.
The selection is repeated until the repeat mode is cancelled.

(3) To cancel the repeat operation, press the repeat switch twice.

* The repeat indicator will turn off and the repeat operation is cancelled.

* The repeat operation is also possible by performing steps (1) and (2) above in reverse order.

To repeat all selections:

(1) Press the repeat switch and set to the repeat " ALL " mode.
   * The repeat "ALL" indicator will light to indicate the repeat operation.
   * When the end of the last selection is reached, the pick-up automatically returns to the beginning of the first selection and playback begins. Selections will be repeated until the repeat mode is cancelled.

(2) To cancel the repeat operation, press the repeat switch.
   * The repeat indicator will turn off and the repeat operation is cancelled.

● Scan

(1) During normal playback:
The first 10 seconds of each selection after the current one are played. All 12 discs are scanned, and once the selection for which the scan operation was started is reached, scanning is cancelled and normal playback resumes.

(2) During preset playback:
The first 10 seconds of each preset selection after the current one are played.
Once the preset selection for which the scan operation was started is reached, scanning is cancelled and preset playback resumes.

● Preset play (P.PLY)

When the preset play switch (P.PLY) is pressed, the selections preset in the programmable card are played back in order from MEMO number 1. If pressed again, normal playback resumes. If the music sensor or disc sensor functions are used during playback and a selection not preset in the memory is played, the preset play operation will resume from the preset selection following the selection which is not preset after it has been played back.

● Memory Call (M.CAL)

(1) Use this switch to check the content of the program transferred from the programmable card.
   * When the memory call (M.CAL) switch is pressed, the content of the preset program is displayed in the order of the MEMO numbers.
   * When this operation is stopped, the display returns to the previous display.

(2) Use this switch to move to other selections during preset playback.
   * If the M.CAL switch is pressed during preset playback and another MEMO number is selected, playback will begin from the selection for that MEMO number.
   * The MEMO number increases each time the M.CAL switch is pressed.

Operation of Programmable Card

● Selection of modes

Select the desired mode with the [MODE] switch.

* Modes which can be selected:

(1) DISC number and MUSIC number programming modes (PR)

(2) Program data transfer mode (TR)

● DISC number and MUSIC number programming modes

(1) To preset DISC numbers and MUSIC numbers:

(1) Use the MODE switch to select the program mode (PR).

(2) Press DISC. (If the DISC switch is not pressed within 10 seconds, the mode will be cancelled.)

The DISC display will flash, and the MEMO display will indicate the number following the highest number already preset.

(3) Select the DISC number using the up and down switches.

Example: To program the 5th selection on the 6th disc

The 6th disc is selected.

(4) Press MUSIC. (If the MUSIC switch is not pressed within 10 seconds, the mode will be cancelled.)

The MUSIC display flashes.

(5) Select the MUSIC number using the up and down switches.

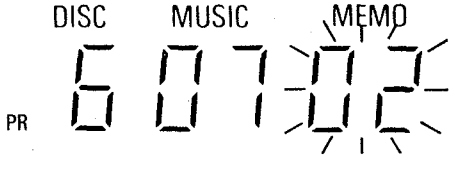
The DISC number and MUSIC number are set and presetting is completed.

NOTE: If the DISC number is selected and the MUSIC number is set at " 00 ", all selections on that disc are preset.

(2) To preset only MUSIC numbers for a single DISC number.
(1) Press MUSIC. (The MEMO number automatically increases.)

(2) Select the MUSIC number using the up and down switches, then press SET.

(3) The DISC number and MUSIC number can be set in either order.
(4) To select a MEMO number and rewrite the DISC and MUSIC numbers for that MEMO number:
(1) Press MEMO. (If the MEMO switch is not pressed within 10 seconds, the mode will be cancelled.)



(2) Select the MEMO number using the up and down switches.

(3) Use the procedure in step (1) above to rewrite the DISC and MUSIC numbers and change the data for MEMO number 1.
(5) To check and clear preset data:
(1) Press MEMO. (If the MEMO switch is not pressed within 10 seconds, the mode will be cancelled.)
(2) The MEMO number data is displayed. Use the up and down switches to set the number.
(3) If the CLEAR switch is pressed the DISC number and MUSIC number are cancelled, and "000" is displayed. Press DISC or MUSIC and use the procedures in steps (1) through (4) above to reset.

● Program data transfer mode

This mode is used to transfer preset data from the control unit.

(1) Use the mode switch to select the transfer mode (TR).

(2) Insert the programmable card into the control unit.

(3) After the power turns on, the data written in the programmable card is automatically transferred to the control unit.

(4) To playback discs according to the preset data, press the preset play switch (P.PLY).

(5) To check the transferred data, press the memory call switch (M.CAL).

NOTE: For the preset playback and memory call operations, refer to the corresponding sections under "Operation of Control Unit".

* If the CD Magazine is ejected, the Memory will be clear.

● Turning power on and off with programmable card:

* Aside from the programming functions described above, the programmable card also functions as a power switch. The power can be turned on and off by pressing the part marked "POWER" when the card is inserted.

* The card can be removed when the power is off.

● Other functions

Auto disc initializer (A.D.I.)

Press the auto disc initializer button (A.D.I.) during playback if you want to listen from the first selection.

● Error displays

(1) Problem with trunk unit:

* If "EEEEE" is displayed, the temperature or condensation sensor has been activated.

* Flashing E's indicate mechanical problems.

(2) When there is no disc for the preset DISC number:

In this case, the disc number preset for MEMO 5 is not in the CD magazine, so the DISC number display flashes.

(3) When there is no selection for the preset MUSIC number:

In this case, the disc preset for MEMO 9, that is DISC number 3, does not have 22 selections on it, so the MUSIC number flashes and the last selection on the disc is played back. When this happens, " 00 " is displayed on the MEMO number display.

(4) If the CD magazine has not been inserted or there are no discs in the magazine, "0 00 00" is displayed.

SPECIFICATIONS

COMPACT DISC PLAYER

System ..... Optical (compact disc system)
Quantizing Bit Number ..... 16-bit linear system
Channels 2-channels,Stereo
Frequency Response ..... 5 — 20,000 Hz ±1.0 dB
Wow & Flutter ..... Below measurable limits
Total Harmonic Distortion ..... 0.005% (at 1 kHz)
Dynamic Range ..... More than 90 dB
Signal to Noise Ratio ... More than 90 dB (IHF A-weighted)
Channel Separation ..... More than 85 dB (at 1 kHz)

GENERAL

Power Requirement ..... 14.0V DC (11 — 16V allowable)
Input Sensitivity ..... Deck/Tuner: 500mV/10k Ohms
Tuner: 40mV/10k Ohms
Output Voltage ..... 500mV/10k Ohms
Bass ..... ±10 dB at 100 Hz
Treble ..... ±10 dB at 10 kHz
Weight
Control Unit ..... 1.1 kg (2 lb. 7 oz.)
Trunk Unit ..... 6.6 kg (14 lb. 2 oz.)

CONTROL UNIT SIZE

Width: 178mm (7"); Height: 25mm (1"); Depth: 145mm (5-4/5")

TRUNK UNIT SIZE

Width: 336mm (13-3/4"); Height: 134mm (5-3/8"); Depth: 255mm (10-1/2")

NOSEPIECE SIZE

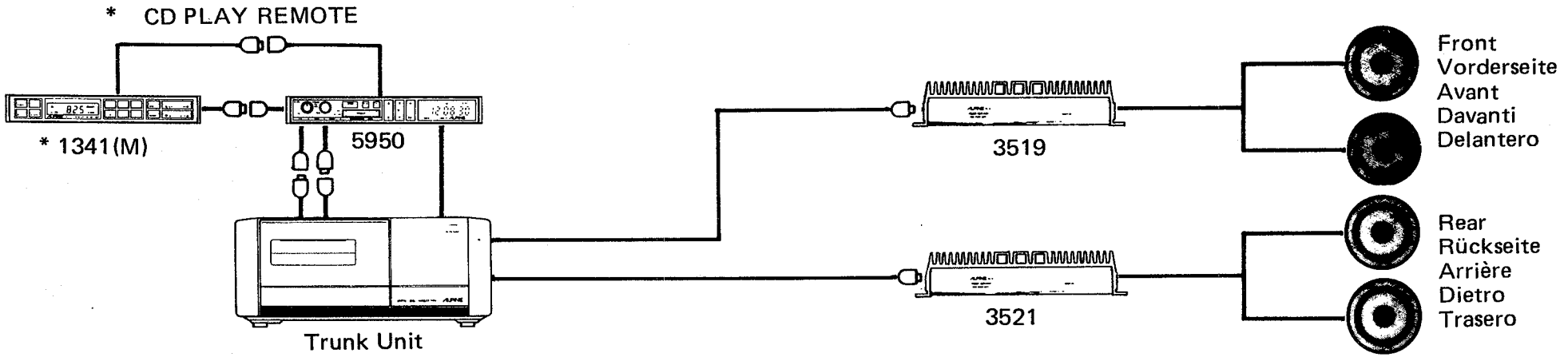
Width: 171mm (6-3/4"); Height: 23mm (15/16"); Depth: 15mm (19/32")

NOTE:

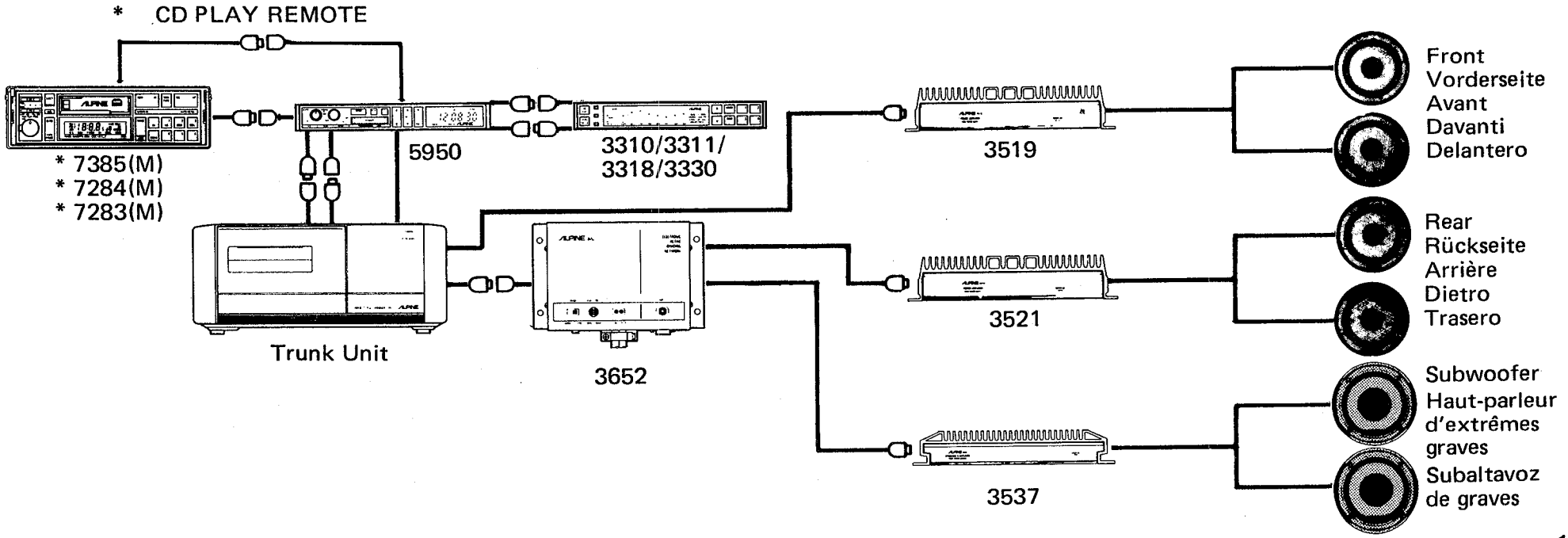
Due to product improvement, specifications and design are subject to change without notice.

SYSTEM CHART/SYSTEMDIAGRAMM/EXEMPLES DE SYSTEMES/ DIAGRAMMA DI SISTEMA/DIAGRAMA DEL SISTEMA

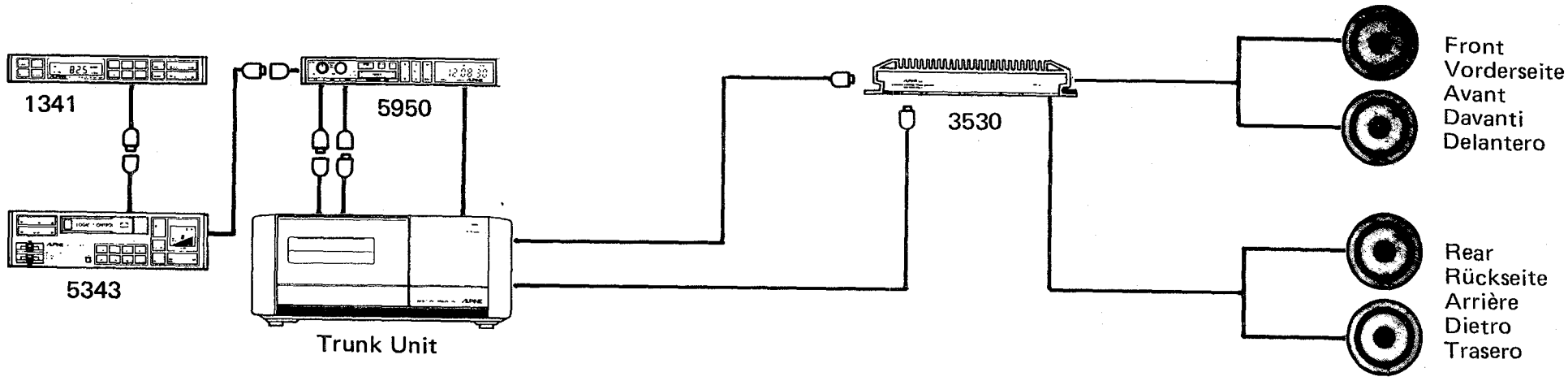
SYSTEM-A/SYSTEME-A/SISTEMA-A



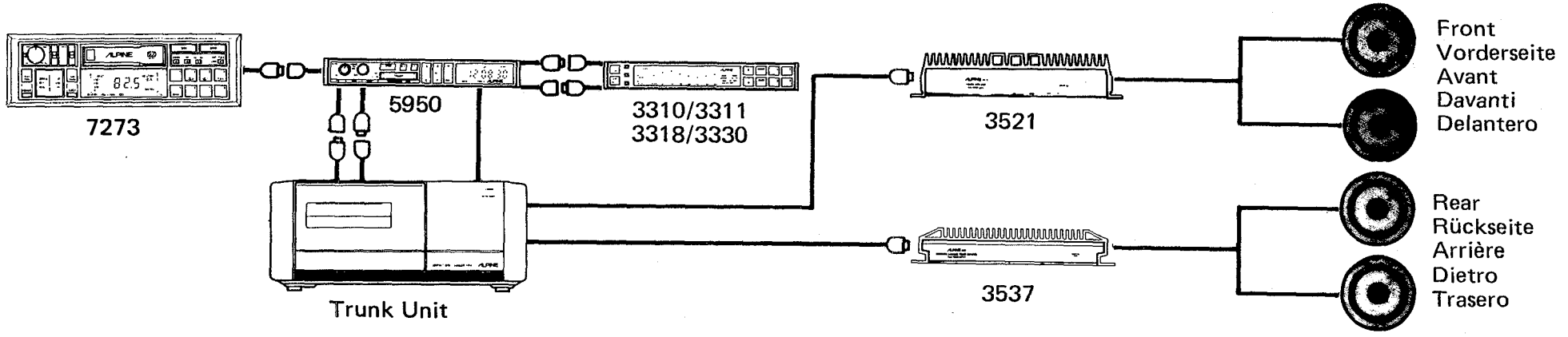
SYSTEM-B/SYSTEME-B/SISTEMA-B



SYSTEM-C/SYSTEME-C/SISTEMA-C



SYSTEM-D/SYSTEME-D/SISTEMA-D



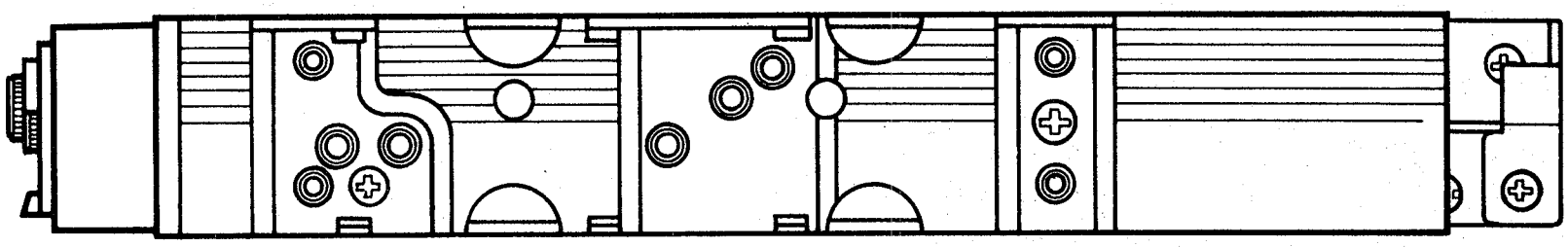
- SDK operation is featured on all models whose model names carries the suffix "M", and is engaged by connecting to the CD PLAY REMOTE terminal.

- Alle Modelle, deren Bezeichnung ein "M" beinhaltet, sind mit der SDK-Funktion ausgerüstet. Bei Anschluß an die CD PLAY REMOTE-Buchse werden daher alle Wiedergabefunktionen unterbrochen, um eine Verkehrsdurchsage durchzugeben.

- La fonction SDK est incorporée à tous les modèles dont le nom de modèle porte le suffixe "M" et elle est engagée en connectant l'unité à la borne CD PLAY REMOTE.

- La funzione SDK è posseduta da tutti i modelli il cui nome include la lettera "M" e può essere utilizzata dopo aver collegato il cavo al terminale CD PLAY REMOTE.

- La operación SDK es posible en todos los modelos cuyos nombres llevan el sufijo "M", y se activa efectuando la conexión al terminal CD PLAY REMOTE.



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